

**WEST**

Generate Collection

L2: Entry 1 of 1

File: DWPI

Oct 15, 1996

DERWENT-ACC-NO: 1996-513912

DERWENT-WEEK: 199651

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TITLE: Decorative sheet, useful esp. for interior building materials - obtd. by laying polyester nonwoven fabric cloth of fibres with thermoplast ic layer laid with printed layer laid with embossed layer

PRIORITY-DATA: 1995JP-0097521 (March 31, 1995)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 08267695 A</u>	October 15, 1996		004	B32B033/00

INT-CL (IPC): B32B 3/30; B32B 27/00; B32B 27/12; B32B 33/00

ABSTRACTED-PUB-NO: JP08267695A

## BASIC-ABSTRACT:

A decorative sheet is obtd. by laying a polyester nonwoven fabric cloth of 30-150mm in thickness, comprising polyester fibres having:

- (i) a fibre thickness of 0.2-0.5 dernier;
- (ii) a density of 0.25-0.8 g/cm<sup>3</sup>; and
- (iii) a basis wt. of 8-150 g.m<sup>2</sup>, with:
  - (A) thermoplastic resin layer laid with:
  - (B) printed layer laid with:
  - (C) embossed layer.

USE - As an interior building material.

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 1 of 1 returned.**1. Document ID: JP 08267695 A Relevance Rank: 99

L2: Entry 1 of 1

File: DWPI

Oct 15, 1996

DERWENT-ACC-NO: 1996-513912

DERWENT-WEEK: 199651

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PRIORITY-DATA: 1995JP-0097521 (March 31, 1995)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE PAGES MAIN-IPC

JP 08267695 A October 15, 1996

004 B32B033/00

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(A) thermoplastic resin layer laid with:

(B) printed layer laid with:

(C) embossed layer.

USE - As an interior building material.

Full	Title	INT.1	REV.1	CLS.1	DEF.1	DRAW.1
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**WEST**

Generate Collection

L3: Entry 1 of 1

File: DWPI

Sep 28, 1993

DERWENT-ACC-NO: 1993-341724

DERWENT-WEEK: 199343

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Transparent electromagnetic wave shield lamination  
structure - has laminate of conductive net-like film sheet  
between two clear polyolefin high pressure press sheets either  
directly or through adhesive layer NoAbstract

PRIORITY-DATA: 1992JP-0082799 (March 3, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 05251890 A</u>	September 28, 1993		005	H05K009/00

INT-CL (IPC): B32B 7/02; B32B 7/12; B32B 27/32; H05K 9/00

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 20 of 20 returned.**

- ☒ 1. Document ID: US 5657065 A Relevance Rank: 99

L5: Entry 7 of 20

File: USPT

Aug 12, 1997

US-PAT-NO: 5657065

DOCUMENT-IDENTIFIER: US 5657065 A

TITLE: Porous medium for ink delivery systems

DATE-ISSUED: August 12, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lin; John Wei-Ping	Webster	NY		

US-CL-CURRENT: 347/93; 347/87, 401/199

## ABSTRACT:

The invention includes an ink delivery and filtration medium for delivering and filtering ink from an ink chamber to a printhead in an ink jet system. The ink delivery and filtration medium comprises a porous woven material. The woven material can be made with fibers such as Nylons, polyethylene, polypropylene, polyethersulfone, polyesters, polyvinylidene fluoride, polytetrafluoroethylene. The woven material is flexible, thermally stable and chemically resistant to ink. The pore size and porosity of the woven material can be controlled by controlling the number of stitches per inch, fiber stitching pattern and fiber thickness or diameter. In addition, the pore size can be controlled by layering the woven material in combination with woven materials of the same or different pore sizes. Accordingly, not only can the pore size of each layer be controlled, but the pore size of the entire medium can be controlled by cumulative stacking of layers of materials with same or different pore size. The ink delivery and filtration medium provides smooth ink flow to the printhead without undesired ink clogging and impedance thereby substantially minimizing or eliminating jetting problems such as missing jets, exploding jets, and ink misdirection. In addition, restricted ink flow due to inefficient filtration and blockage of the filter by particles, debris or fibers, which causes slow ink refill and air ingestion problems resulting in slow printing speed and poor ink jet print quality can also be avoided or minimized by the steady and strong flow of ink produced with the invention.

34 Claims, 19 Drawing figures Exemplary Claim Number: 1

34 Claims, 19 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 4198456 A Relevance Rank: 96

L5: Entry 14 of 20 File: USPT Apr 15, 1980

US-PAT-NO: 4198456

DOCUMENT-IDENTIFIER: US 4198456 A

TITLE: Multi-level embossed cellular surface covering and  
process for producing same

DATE-ISSUED: April 15, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adams; Kim M.	Lititz	PA		
Dees, Jr.; Martin	Lancaster	PA		
Mazzur; Richard P.	Millersville	PA		

US-CL-CURRENT: 428/159; 427/198, 427/244, 427/270, 427/276,  
427/373, 428/161, 428/195, 428/203, 428/321.3

ABSTRACT:

The process for making a cellular surface covering having a multi-level embossed decorative wear surface by applying to a porous substrate a plurality of thermoplastic resinous inks developed from thermoplastic binders having different molecular weights and therefore different melt viscosities, the inks and substrate comprising a composite structure which also includes a blowing agent. The blowing agent may be either in the substrate or in the inks applied thereto. Upon final heating to fuse and foam all the resinous material of this structure, the metal viscosity differences of the resins in the inks provide varying degrees of physical resistance to expansion of the total system in the inked areas, thus producing multi-level design areas on the final product.

28 Claims, 7 Drawing figures Exemplary Claim Number: 1,24  
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 4211021 A Relevance Rank: 91

L5: Entry 13 of 20

File: USPT

Jul 8, 1980

US-PAT-NO: 4211021

DOCUMENT-IDENTIFIER: US 4211021 A

TITLE: Engine compartment label

DATE-ISSUED: July 8, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amprim; Lawrence	Farmington	MI		
Williams; Frederick P.	Kettering	OH		

US-CL-CURRENT: 40/638

## ABSTRACT:

This invention relates to a pressure sensitive adhesive label which can be used under severe service conditions such as those found in an automobile engine compartment.

The label comprises a laminate comprising a temperature stable woven or non-woven fabric having an ink receptive coating on a first side and a high performance pressure sensitive adhesive coating on the other side thereof.

5 Claims, 2 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 6290732 B1 Relevance Rank: 91

L5: Entry 1 of 20

File: USPT

Sep 18, 2001

US-PAT-NO: 6290732

DOCUMENT-IDENTIFIER: US 6290732 B1

TITLE: Laundry process with enhanced ink soil removal

DATE-ISSUED: September 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hei; Robert D. P.	Baldwin	WI		
Smith; Kim R.	Woodbury	MN		
Wiseth; Wendy	St. Paul	MN		

US-CL-CURRENT: 8/139.1; 510/283, 510/284, 510/336, 510/337, 510/339, 510/340, 510/488, 510/491, 8/137

## ABSTRACT:

An improved process for removing ink soil from porous substrates, preferably from woven fabrics which include cellulosic materials such as cotton towels is described herein. The process includes an initial contacting step with an alkyl fatty acid ester, a wash step with a conventional detergent and a final water rinse step. A chelating agent is used during one of the first two steps or, alternatively, between the first two steps.

19 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMC	Draw	Desc	Image
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☐ 5. Document ID: US 5818516 A Relevance Rank: 90

L5: Entry 4 of 20

File: USPT

Oct 6, 1998

US-PAT-NO: 5818516

DOCUMENT-IDENTIFIER: US 5818516 A

TITLE: Ink jet cartridge having improved heat management

DATE-ISSUED: October 6, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rezanka; Ivan	Pittsford	NY		

US-CL-CURRENT: 347/18; 347/65

## ABSTRACT:

An ink cartridge for use in a thermal ink jet printer has a printhead with an edgeshooter configuration and improved heat management. The cartridge has a supply of ink in a chamber and a passageway for placing the chamber in fluid communication with the printhead. The printhead has an array of heating elements, one in each of a plurality of ink channels, and located a predetermined distance from the channel opens which serve as nozzles. The passageway directs the ink in a path closely adjacent the heating elements, so that more of the waste heat generated by the heating elements are transferred to the ink prior to entry of the ink into the channels, thereby resulting in more waste heat being carried away by the ejected ink droplets.

4 Claims, 4 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 4181668 A      Relevance Rank: 90

L5: Entry 15 of 20

File: USPT

Jan 1, 1980



US-PAT-NO: 4181668

DOCUMENT-IDENTIFIER: US 4181668 A

TITLE: Anthraquinone dyes

DATE-ISSUED: January 1, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Elser; Wolfgang	Wachenheim			DEX
Hartwig; Ernst	Heidelberg			DEX
Ruske; Manfred	Ludwigshafen			DEX

US-CL-CURRENT: 552/239; 428/480, 8/471

## ABSTRACT:

Anthraquinone dyes of the formula ##STR1## where R is C.sub.1 -C.sub.10 -alkyl, C.sub.5 -C.sub.8 -cycloalkyl, alkoxyalkyl of a total of 3 to 11 carbon atoms, phenoxyalkyl, where alkyl is of 2 to 4 carbon atoms, or phenyl-C.sub.1 -C.sub.4 -alkyl.

On synthetic fibers and blends thereof with cellulosic fibers, the dyes give brilliant clear blues.

The dyes are particularly suitable for transfer printing onto synthetic fibers and give high color yields. The transfer prints obtained have excellent fastness characteristics.

4 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 7. Document ID: US 4529124 A      Relevance Rank: 90

L5: Entry 11 of 20

File: USPT

Jul 16, 1985

US-PAT-NO: 4529124

DOCUMENT-IDENTIFIER: US 4529124 A

TITLE: Device for dispensing of volatile substance and method  
for making the device

DATE-ISSUED: July 16, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sullivan; William E.	Blythewood	SC		
Fore; Joseph M.	Batesburg	SC		

US-CL-CURRENT: 239/56

## ABSTRACT:

An improved device for dispensing a volatile substance into the environment includes a reservoir layer, having opposing first and second surfaces, for holding the substance and first and second envelope layers respectively in close proximity to the first surface and the second surface of the reservoir layer. At least a portion of at least one envelope layer is permeable to the substance. The reservoir layer and envelope layers are fused together at a first generally circular, continuous boundary at which the reservoir layer is nonpermeable to the substance to thereby define a generally circular region within which the substance is confined. The reservoir layer and envelope layers are further fused together at a second non-circular boundary completely enclosing the first boundary and the region to thereby define an outer, decorative, peripheral shape of the device. The device may also include an outer decorative layer in close proximity to at least one of the envelope layers and fused thereto at the second boundary but not at the first whereby the decorative layer has a smooth generally planar outer surface. The decorative layer may carry indicia which is resistant to deterioration caused by the substance.

14 Claims, 4 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 8. Document ID: US 3889595 A      Relevance Rank: 89

L5: Entry 20 of 20

File: USPT

Jun 17, 1975

US-PAT-NO: 3889595

DOCUMENT-IDENTIFIER: US 3889595 A

TITLE: Continuous rotary screen printing method and apparatus

DATE-ISSUED: June 17, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaffa; David	Fairlawn	NJ		

US-CL-CURRENT: 101/116; 101/118, 101/126, 101/129, 101/181

## ABSTRACT:

This disclosure is directed to a method and apparatus for screen printing in which a continuous sheet or web of material to be printed is advanced in the direction of feed relative to a rotating cylindrical printing screen to effect a continuous screen print in which both the rotation of the screen and the direction of feed of the material is reversed a predetermined amount each time the screen printing operation is interrupted for any reason. Upon commencing a successive printing operation, the method and apparatus operate to lower the printing screen as it rotates in a printing direction onto the advancing material so that the rotating screen effects registration with the advancing trailing edge portion of a previously printed portion of web to effect an overprint of the previously printed surface resulting in the avoidance of any smearing and/or waste between successive screen prints. The method and apparatus further contemplate a feed and unwind system operatively associated to facilitate splicing of successive rolls and/or effecting the removal of successive rolls of printed material without interruption of the printing operation.

11 Claims, 22 Drawing figures Exemplary Claim Number: 1,5,10,11

Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 4745916 A      Relevance Rank: 89

L5: Entry 10 of 20

File: USPT

May 24, 1988

US-PAT-NO: 4745916

DOCUMENT-IDENTIFIER: US 4745916 A

TITLE: Sun block and glare reflective tapes and patches

DATE-ISSUED: May 24, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Seber; Brett P.	Laguna Niguel	CA	92677	

US-CL-CURRENT: 128/858; 2/15, 428/79, 602/41

## ABSTRACT:

Sun blocking and glare reflective and absorptive tapes and patches for applications to skin areas of human individuals to block, reflect, deflect or absorb sunlight or artificial light to protect sensitive skin areas and the eyes. The tape and patch materials are comprised of a thin non-woven, random-spun synthetic fiber textile material capable of blocking ultra-violet radiation and a skin-compatible, pressure sensitive, non-toxic, hypo-allergenic, non-irritating adhesive applied to the textile material for holding same to the skin surface to be protected or reflect or absorb light glare. The non-woven textile material has a print surface on the side of such material opposite to the side bearing the pressure sensitive adhesive. The tape and patch material is mounted, for pre-use purpose, i.e., printing, packaging and storage, on release paper. The pressure sensitive adhesive leaves no residue on the skin surface after removal of the tape or patch because the adhesive has greater cohesion to itself and adhesion to the textile material than its adhesion to skin surfaces.

7 Claims, 4 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 4115404 A      Relevance Rank: 88

L5: Entry 19 of 20

File: USPT

Sep 19, 1978

US-PAT-NO: 4115404

DOCUMENT-IDENTIFIER: US 4115404 A

TITLE: Benzodifuran dyestuffs

DATE-ISSUED: September 19, 1978

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Greenhalgh; Colin William	Blackley			GB2
Carey; John Laurence	Blackley			GB2
Newton; David Francis	Blackley			GB2

US-CL-CURRENT: 549/299; 548/412, 548/433, 8/471, 8/532, 8/636,  
8/654, 8/922, 8/927

## ABSTRACT:

Substituted 2,6-dioxo-2,6-dihydrobenzo[1:2-b, 4:5-b.sup.1]difurans or -dipyrroles and processes for their manufacture. The compounds are dyestuffs which are particularly useful in the form of aqueous dispersions for application to polyester textile materials.

1 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 11. Document ID: US 4122087 A Relevance Rank: 88

L5: Entry 18 of 20

File: USPT

Oct 24, 1978

US-PAT-NO: 4122087

DOCUMENT-IDENTIFIER: US 4122087 A

TITLE: Benzodipyrrole dyestuffs

DATE-ISSUED: October 24, 1978

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Greenhalgh; Colin William	Manchester				GB2
Carey; John Laurence	Manchester				GB2
Newton; David Francis	Manchester				GB2

US-CL-CURRENT: 548/433

## ABSTRACT:

Substituted 2,6-dioxo-2,6-dihydrobenzo[1:2-b, 4:5-b']difurans or -dipyrroles and processes for their manufacture. The compounds are dyestuffs which are particularly useful in the form of aqueous dispersions for application to polyester textile materials.

2 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 12. Document ID: US 4124355 A      Relevance Rank: 88

L5: Entry 17 of 20

File: USPT

Nov 7, 1978

US-PAT-NO: 4124355

DOCUMENT-IDENTIFIER: US 4124355 A

TITLE: Transfer dyeing with 1-amino-4-anilinoanthraquinone dyes

DATE-ISSUED: November 7, 1978

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Greenhalgh; Colin W.	Manchester			GB2
Newton; David F.	Manchester			GB2
Budziarek; Richard	Manchester			GB2
Clarke; Howard	Manchester			GB2

US-CL-CURRENT: 8/471; 106/31.45, 428/913, 552/222, 552/223, 552/237, 552/239, 552/241, 552/249, 552/251, 8/679, 8/922

## ABSTRACT:

A process for the transfer color printing of synthetic textile materials wherein the dyestuff used is a 1-amino-4-anilinoanthraquinone having one or two ortho substituents in the anilino group. The anthraquinone nucleus may be further substituted in the 2- and/or 3-position, preferably by an electron-withdrawing group in the 2-position.

8 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 4141682 A      Relevance Rank: 88

L5: Entry 16 of 20

File: USPT

Feb 27, 1979

US-PAT-NO: 4141682

DOCUMENT-IDENTIFIER: US 4141682 A

TITLE: Transfer dyeing with 1-hydroxy-2-alkyl-4-anilino anthraquinone dyes

DATE-ISSUED: February 27, 1979

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Greenhalgh; Colin W.	Manchester			GB2
Newton; David F.	Manchester			GB2

US-CL-CURRENT: 8/467; 106/31.45, 428/913, 552/245, 8/402, 8/495

## ABSTRACT:

A process for the transfer color printing of synthetic textile materials wherein the dyestuff used is a 1-hydroxy-2-(optionally substituted) lower alkyl-4-anilinoanthraquinone optionally having from 1 to 3 substituents in the anilino nucleus. Preferably the latter carries a single substituent ortho to the --NH--group.

8 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 14. Document ID: US 4351871 A Relevance Rank: 88

L5: Entry 12 of 20

File: USPT

Sep 28, 1982



US-PAT-NO: 4351871

DOCUMENT-IDENTIFIER: US 4351871 A

TITLE: Decorating textile fabrics

DATE-ISSUED: September 28, 1982

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Lewis; Edward J.	Hipperholme, Near Halifax				GB2
Rattee; Ian D.	Leeds	LS8	1SB		GB2

US-CL-CURRENT: 428/195; 156/230, 428/196, 428/197, 428/203, 428/204, 428/207, 428/211, 428/914, 8/468

## ABSTRACT:

A method of decorating a fabric is disclosed using a decoration material which contains a thin removable layer which is based on a thermoplastic polymeric film which also has elastomeric properties, and which also contains a dye or pigment. The layer is transferred to the fabric under the action of heat and pressure and subsequently heated further to break the layer down so that it does not adversely affect the handle or feel of the fabric being decorated. The decoration material may contain all of the components necessary to secure transfer of the decoration to the fabric and fixation of the dye or pigment in the fabric to a good degree of wash fastness. Simple heating and pressing treatments are the only ones necessary for effecting decoration.

35 Claims, 0 Drawing figures Exemplary Claim Number: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☒ 15. Document ID: US 4785065 A      Relevance Rank: 88

L5: Entry 9 of 20

File: USPT

Nov 15, 1988

US-PAT-NO: 4785065

DOCUMENT-IDENTIFIER: US 4785065 A

TITLE: Binders for transfer printing

DATE-ISSUED: November 15, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Uhl; Guenter	Worms			DEX
Toex; Rudolf	Limburgerhof			DEX
Schroeder; Gerhard	Limburgerhof			DEX
Schnell; Klaus	Schifferstadt			DEX

US-CL-CURRENT: 526/264; 524/548

## ABSTRACT:

Binders are used in printing inks and print pastes for transfer printing, consisting of copolymers of N-vinylcaprolactam, the use of these copolymers as binders in printing inks and printing pastes, and printing inks and print pastes containing these.

2 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5543195 A      Relevance Rank: 88

L5: Entry 8 of 20

File: USPT

Aug 6, 1996

US-PAT-NO: 5543195

DOCUMENT-IDENTIFIER: US 5543195 A

TITLE: Flocked woven fabric with flattened flock fibers

DATE-ISSUED: August 6, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Squires; William J.	Stamford	CT	06903	
Squires Jr.; William Th.	Stamford	CT	06903	

US-CL-CURRENT: 428/90; 156/72, 427/198, 427/200, 427/206,  
428/919, 428/97

## ABSTRACT:

A fabric which prevents outerwear from being noticed, heard or smelled by prey when worn. The fabric includes a flocked woven substrate with flattened flock fibers with the fibers adhered to the substrate. The substrate is quiet and soft. Preferably a printed layer is transferred on said flattened flock fibers and preferably is of a camouflage print pattern. The substrate is drapeable as an apparel item and more abrasion resistant than foamed knitted fabrics. Further the fabric is resistant to burr retention, wind and rain.

24 Claims, 4 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	KWC	Draw Desc	Image
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☐ 17. Document ID: US 5756180 A      Relevance Rank: 88

L5: Entry 6 of 20

File: USPT

May 26, 1998

US-PAT-NO: 5756180

DOCUMENT-IDENTIFIER: US 5756180 A

TITLE: Flocked fabric suitable as outerwear

DATE-ISSUED: May 26, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Squires; William J.	Stamford	CT	06902	
Squires, Jr.; William T.	Stamford	CT	06903	

US-CL-CURRENT: 428/90; 428/95

## ABSTRACT:

A fabric used as outerwear having a stabilized substrate, an adhesive and flock adhered to the substrate with the adhesive. The adhesive is dried and cured, preferably aerated. A waterproof film may be applied either to the substrate or to a lining adjacent the substrate. The flock may be flattened into a laid down condition.

16 Claims, 6 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 18. Document ID: US 5795491 A Relevance Rank: 88

L5: Entry 5 of 20

File: USPT

Aug 18, 1998

DERWENT-ACC-NO: 1993-019493

DERWENT-WEEK: 199722

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TITLE: Boards for high frequency circuits - contg. symmetrical halogenated organic cpd. dispersed in one or both of the polyethylene@ base and the reinforcement

INVENTOR: SUGAWARA, T; TAZAKI, S ; YAMAGUCHI, Y

## PRIORITY-DATA:

1991JP-0171552

July 12, 1991

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 69218311 E	April 24, 1997	N/A	000	H05K001/00
EP 523421 A1	January 20, 1993	E	012	H05K001/00
JP 05021910 A	January 29, 1993	N/A	010	H05K001/03
EP 523421 B1	March 19, 1997	E	012	H05K001/00

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ABSTRACTED-PUB-NO: EP 523421A

## BASIC-ABSTRACT:

A board for h.f. circuits comprises: (a) a resin sheet comprising a cured curable resin dispersed in an ultra high mol. wt. polyethylene; (b) a reinforcing layer on one or both side(s) comprising a reinforcing material impregnated with a cured curable resin; and (c) a metal conductor layer on the reinforcing layer. A halogenated organic cpd. of symmetrical structure is dispersed in one or both of the resin sheet and reinforcing layer. Pref. 30-180 pts.wt. halogenated cpd. are used per 100 pts.wt. of polyethylene of decabromodiphenyl ether, hexabromobenzene or pref. 1,2,3,4,7,8,9,10,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo(a,e) cyclooctene (I). The polyethylene has a viscosity-average mol.wt. of 1-5 million, and the curable resin is pref. an unsatd. polyester, an epoxy or a polyimide. The reinforcement is (non)woven glass or plastic cloth, or a mixt. is used with the pref. curable resin. The metal conductor is Cu, Cu-Ni, bronze, brass, Al, Ni, Fe, stainless steel, Au, Ag or Pt.

ADVANTAGE - The board has low dielectric constant and dielectric loss tangent despite the presence of large quantities of fillers, and has improved continuity reliability of through holes.

ABSTRACTED-PUB-NO:

EP 523421B EQUIVALENT-ABSTRACTS:

A board for high frequency circuits, comprising: a resin sheet (1) comprising an ultra high molecular weight polyethylene (4) having a viscosity-average molecular weight of 1,000,000 to 5,000,000 and a cured curable resin dispersed in the ultra high molecular weight polyethylene; a reinforcing layer (3) on at least one side of the resin sheet, the reinforcing layer comprising a reinforcing material (7) impregnated with a cured curable resin (6); and a metal conductor layer (3) on the reinforcing layer; wherein a halogenated organic compound (5) selected from the group consisting of decabromodiphenyl ether, hexabromobenzene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo(a,e) cyclooctene and a mixture thereof is dispersed in at least one of the resin sheet and the reinforcing layer in a quantity of 30 to 180 parts by weight per 100 parts by weight of the ultra high molecular weight polyethylene.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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